Daily Diary Report by Bid Item

Contract No.: 04-0120F4
Diary #: 258 **Const Calendar Day:** 491 **Date:** 08-Oct-2013 **Tuesday**
Inspector Name: Altamirano, Victor **Title:** Transportation Engineer
Inspection Type:
Shift Hours: **Break:** **Over Time:**
Federal ID:
Location:
Reviewer: Schmitt, Alex **Approved Date:** **Status:** Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature **7 AM** **12 PM** **4PM**
Precipitation **Condition**

Working Day ☑ If no, explain:

Diary: Dispute ☐

Work description.

Inspector(s): Victor Altamirano (10 hours total including 2 hours overtime)
Date: 100813
Weather: 70 degrees / Clear skies.
Field Work: Test Rig 5 through 7
A laborer was vacuuming / cleaning out holes that were previously drilled into the test rig concrete footings. An iron worker first drilled small diameter holes and then in the same hole drilled a larger diameter hole that were about 9" deep to fit a 1" diameter anchor rods. After the iron worker reached the required depth, the laborer would vacuum out rod holes and provided tape to prevent debris to accumulating in holes. The iron worker started drilling on test rig concrete footing # 7 and then moved to #6.
A worker indicated that the plan after the 9" deep holes is drilled were the following:
1.Place test rig and align it with rod holes.
2.Provide shims to support test rig and level test rigs.
3.Provide epoxy to rod holes and place " rods into holes and let epoxy cure.
A second iron worker came to assist with the drilling operation on test rig # 5 concrete footing. One of the workers indicated that the drill bit is hitting some rebar during the drilling and that ABF is expecting to buy a drill bit adaptor to fit a drill bit that drills through rebar. He indicated that the adaptor may arrive tomorrow to finish the 9" deep rod holes and if the adaptor arrives workers should be able to continue drilling. Note that during some of the drilling, the larger drill bit hit rebar in about 3" deep of drilling in four (4) locations on the dead end side for test rigs # 5 on the concrete footing.
About 1540, the laborer began emptying out the vacuum and then continued assisting the iron workers in cleaning out rod holes after holes were drilled. One of the iron workers left the test rig site about 1627 to grab a fitting for the vacuum. The laborer also left the job site to get cleaning supplies.
A foreman for the iron workers came by about 1635 and left about 1648 to see the drilling. Workers used the extendable forklift to move the test rig # 5 away from the smaller holes that were previously drilled in order to drill larger holes. I observed an iron worker use the forklift to wheel out another generator outside the test rig site. Workers cleaned up and left the job site by about 1715. Note that there were several bolt holes where the drill bit hit the rebar in test rigs 5 and 6. I did not see any short anchor rod holes on test rig 7 concrete footing that hit rebar.
Office Work:
I wrote my diary.

Equipment:

4 radios for 13 regular hours and 2 OT hours.
One small forklift ABF # 002351 for 1 regular hour and 3 R/W delay.

185 CFM compressor for 4 regular hours.
110KW generator ABF # 002342 for 4 regular hours.
2 drills for 8 regular hours.
Vacuum cleaner for 2 regular hours and 2 R/W delay.
1 Kubota for 2 regular hours.

20' K-rail (27 k-rails were being rented for the Department)
10' k-rail (8 k-rails were being rented for the Department)

Note that equipment(s) do sit idle for some time and that the R/W delay is applied to for that case only. Otherwise, R/W delay is typically used for cases if there were R/W issues that occurred and the Contractor had already brought their equipment out and couldn't perform the work due to a R/W delay. That is not the case for the work being performed with the test rigs.

ABF: Kelvin Chen (1 hour straight time)

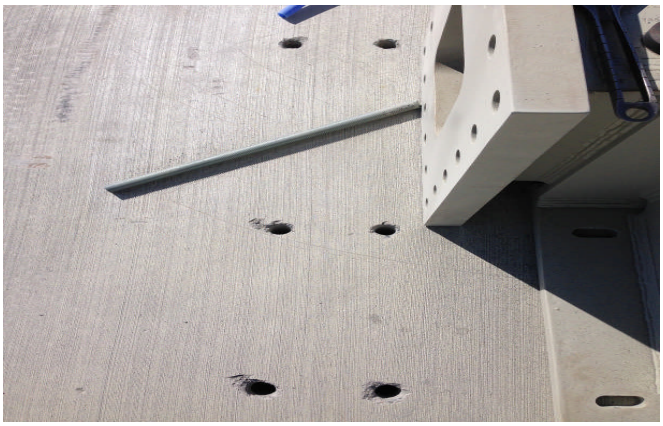
CCO-314 **Bid Item: 001** **0-RRR-EFA.314** **E2 Remove, Replace & Test Rods**

AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor:	AMERICAN BRIDGE/FLUOR, A JV							
Ironworker	FOR	JAMES STURGEON	4.00	0.00	0.00	4.00		☐
Semi-Skilled Laborer	JNM	CARLOS GARCIA	1.00	2.00	0.00	3.00		☐
Ironworker	APP	ROBERT MARTELL	4.00		0.00			☐
Ironworker	JNM	BARRY ROTHMAN	4.00		0.00			☐

Attachment



1" Anchor rod adjacent to Concrete Footing

Closer view of anchor rod hole where drill bit hit rebar

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Several locations on the left bolt hole layout that drill bit hit rebar at about 3" deep and not reaching required depth of 8"

Test Rig #7 - Anchor Rod Holes for 1" Rods

Laborer Cleaning Anchor Rod hole after drilling

Test Rig 5 & 6 - Iron Workers Drilling Anchor Rod Holes